# ER/WM&I DDT

| Performance Measure<br>**Source/Driver: (Name & Number from ISP, IAG milestone, Mgmt. Action, Corres Control, etc.)** | **Closure #: (Outgoing Corres. Control #, (If applicable)** | **Due Date** |
|---|---|---|
| W. R. Sproles<br>**Originator Name/Approval** | G. D. DiGregorio<br>**Quality Assurance/Approval** | J. E. Law<br>**Contractor Manager/Approval** |
| ~~L. Butler~~ GREENGARD<br>**Kaiser-Hill Program Manager** | A. Rodgers<br>**Kaiser-Hill Director** | |

**Document Subject:**

TRANSMITTAL OF THE FINAL SAMPLING AND ANALYSIS PLAN TO SUPPORT THE SOURCE REMOVAL AT THE TRENCH 1 SITE, IHSS 106, REV. 0 - JEL-076-98

KH-00003NS1A 98-RM-ER-0246-KH

**Discussion and/or Comments:**

Please find enclosed the *Final Sampling and Analysis Plan to Support the Source Removal at The Trench 1 Site*, with responses to Environmental Protection Agency (EPA) and Colorado Department of Public Health and Environment (CDPHE) comments incorporated. Per teleoon with the EPA and CDPHE on April 23, 1998 and correspondence received on April 20, 1998, responses to all comments have been adequately addressed and the SAP is approved.

In the referenced correspondence, concerns were raised regarding the ability of gamma spectroscopy to detect plutonium (through americium) at levels required by the Starmet Corporation. Initial gamma spectroscopy modeling, conducted by Canberra Industries, indicates that the americium detection level required to infer total plutonium at or below 50 pCi/g cannot be met in a depleted uranium matrix. Therefore, for the depleted uranium intended for treatment at Starmet, plutonium will be evaluated by alpha spectroscopy in the Building 559 Laboratory.

Please find enclosed three copies for Kaiser-Hill, two copies for the Department of Energy, two copies for EPA, and two copies for CDPHE. If you have any questions regarding this document, please contact Wayne Sproles at extension 5790.

Enclosures:
As Stated

WRS/aw

cc:
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22.150F

| Post-it® Fax Note 7671 | Date | # of pages ▶ 3 |
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